



N.H. DEPARTMENT OF SAFETY BUREAU OF EMERGENCY MANAGEMENT 2005 HURRICANE INFORMATION



HURRICANE NAMES

Arlene	Gert	Lee	Rita
Bret	Harvey	Maria	Stan
Cindy	Irene	Nate	Tammy
Dennis	Jose	Ophelia	Vince
Emily	Katrina	Philippe	Wilma
Franklin			

SAFFIR-SIMPSON HURRICANE SCALE

Category	Wind speed	Storm surge	Effects
1	74-95 mph	4-5 ft.	No real damage to building structures. Damage primarily to unanchored mobile homes. Also, some coastal road flooding and minor pier damage.
2	96-110 mph	6-8 ft.	Some roofing material, door and window damage to buildings. Considerable damage to vegetation, mobile homes and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of center. Small craft in unprotected anchorages break moorings.
3	111-130 mph	9-12 ft.	Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Mobile homes are destroyed. Flooding near the coast destroys smaller structures with larger structures damaged by floating debris. Terrain continuously lower than five feet above sea level may be flooded inland eight miles or more.
4	131-155 mph	13-18 ft.	More extensive curtainwall failures with some complete roof structure failures on small residences. Major erosion of beach areas. Major damage to lower floors of structures near the shore. Terrain continuously lower than 10 feet above sea level may be flooded requiring massive evacuation of residential areas inland as far as six miles.
5	Over 155 mph	19-25 ft.	Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. Major damage to lower floors of all structures located less than 15 feet above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within five to 10 miles may be required.

NOTE: Inland flooding is always a possibility in New Hampshire during any hurricane or tropical storm.